

IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) A printing job controlling device configured to display a queue of printing jobs, comprising:

a calculating unit configured to calculate a time required to process a printing job;

a reading unit configured to read out a current status of the printing job; and

a displaying unit configured to display an image having a size proportional to the time required calculated by said calculating unit and filled with a repeating pixel pattern that changes according to the current status read out by said reading unit.

2. (Currently Amended) A printing job controlling device configured to display a queue of printing jobs to be printed on printing machines, comprising:

a calculating unit configured to calculate a time required to process each of the printing jobs; and

a displaying unit configured to display a list of identifiers of the printing machines in a column in a window and to simultaneously display, for each of the identifiers, an image of a current printing job having a size proportional to the time calculated by said calculating unit continuously on a predetermined displaying area at a fixed location adjacent to an identifier of a corresponding printing machine at one end of the displaying area.

3. (Currently Amended) A printing job controlling device configured to display a queue of printing jobs, comprising:

a calculating unit configured to calculate a time required to process each of the printing jobs; and

a displaying unit configured to simultaneously display rectangular images in a window, each image having a size proportional to the time required calculated by said calculating unit continuously on a predetermined displaying area, adjacent to each other with gaps between adjacent images, forming a combined substantially rectangular image having a size proportional to a sum of calculated times required to process each of the printing jobs.

4. (Currently Amended) A method of displaying a queue of print jobs of a printing device including a printing job controller and a display unit, the method comprising:

calculating a time required to process a print job using the printing job controller;
reading out a current status of the print job using the printing job controller;
displaying an image having a size proportional to the time required and filled with a repeating pixel pattern on the display unit of the printing device; and
changing the repeating pixel pattern according to the current status.

5. (Currently Amended) A method of displaying a queue of print jobs to be printed on printing machines including a printing job controller, the method comprising:

calculating a time required to process a print job using the printing job controller;
simultaneously displaying on a display unit of a printing machine a list of identifiers of the printing machines in a column in a window;
continuously and simultaneously displaying on the display unit of the printing machine, for each of the identifiers, an image of a current print job having a size proportional to the time required at a fixed location adjacent to an identifier of a corresponding printing machine on one end of a displaying area, in the window.

6. (Currently Amended) A method of displaying a queue of print jobs on a printing machine including a printing job controller, the method comprising:

calculating times required to process the print jobs using the printing job controller;
continuously and simultaneously displaying, on a display of the printing machine,
rectangular images in a window, each having a size proportional to the calculated time
required; and

arranging on the display the continuously and simultaneously displayed rectangular
images adjacent to each other with gaps between adjacent rectangular images in the window,
forming a combined substantially rectangular image having a size proportional to a sum of
calculated times required to process each of the print jobs.

7. (Canceled)

8. (Previously Presented) The printing job controlling device according to claim 3,
wherein the displaying unit is further configured to display the combined substantially
rectangular image, wherein the area of the combined substantially rectangular image is
approximately equal to a sum of areas of the rectangular images.

9. (Previously Presented) The printing job controlling device according to claim 8,
wherein the displaying unit is further configured to display the combined rectangular image
with a horizontal dimension larger than a vertical dimension.

10. (Canceled)

11. (Previously Presented) The method according to claim 6, wherein the area of the combined substantially rectangular image is approximately equal to a sum of areas of the rectangular images.

12. (Previously Presented) The method according to claim 11, wherein the combined substantially rectangular image has a horizontal dimension larger than a vertical dimension.

13. (New) The printing job controlling device according to claim 2, wherein the displaying unit is further configured to display an icon representing a current status of a respective printing machine adjacent to an identifier for the respective printing machine.

14. (New) The method of displaying a queue of print jobs according to claim 5, further comprising:

displaying an icon representing a current status of a respective printing machine adjacent to an identifier for the respective printing machine.